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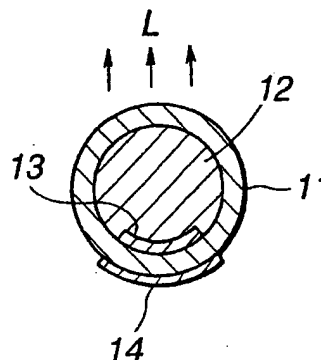
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(54) **Optical transmission tube, method for making it and linear illuminant system**

(57) In an optical transmission tube (1) comprising a tubular cladding (11) and a core (12) within the cladding having a higher index of refraction than the cladding, a strip-shaped reflecting layer (13) is longitudinally extended between the cladding and the core. Light passing through the core is reflected and scattered by the reflecting layer to emerge from the tube through an area of the outer surface of the cladding opposed to the reflecting layer. The optical transmission tube is prepared by extruding the core, the reflecting layer and a tubular cladding.

FIG.2



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EUROPEAN SEARCH REPORT

Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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A	* column 1, line 50 - column 3, line 16; figures 1-3 *	2-5	F21V8/00
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	* column 1, line 52 - column 2, line 59 *		
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G02B
			F21V
			B29D
			B29C
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 15 May 2002	Examiner Wahl, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82